



R. & W. HAWTHORN, LESLIE
& CO. LTD.

SHIP NO. 666

"EMPIRE NEPTUNE."
NEWCASTLE ON TYNE

Report No. 103126

General arrt

~~108~~
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005038-005046-0153

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General Areas

005038-005046-0153 1/2

0153 2/2

ENCLOSURE TO

Mr Hunter (Lloyd's Register Foundation)

47/01503

FROM R. & W. HAWTHORN, LESLIE & CO. LTD.,
HEBBURN-ON-TYNE.

Profile & Deck Plans

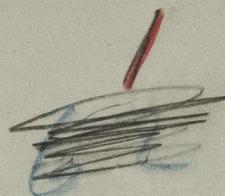
R. & W. HAWTHORN, LESLIE
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SHIP No. 666

San Virgilio

"EMPIRE NEPTUNE"
NEWCASTLE ON TYNE

Report No. 103126



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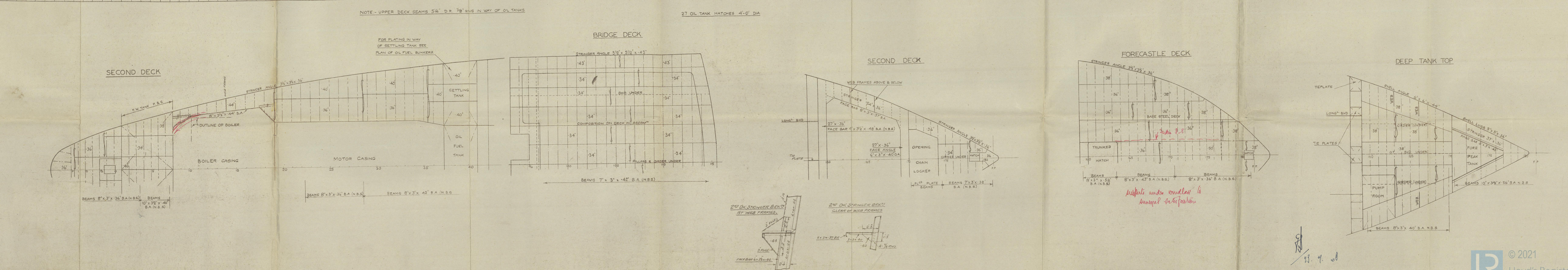
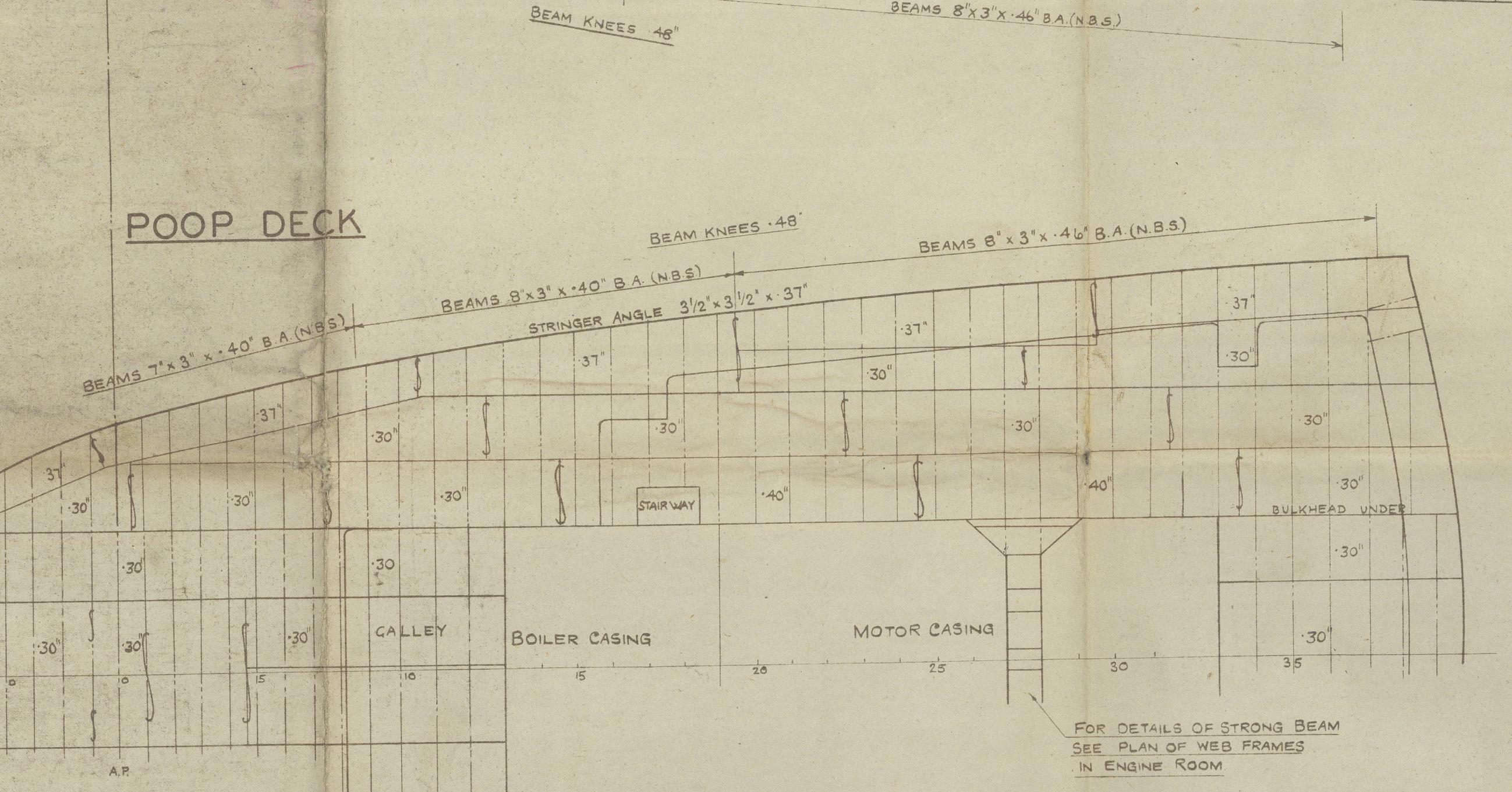
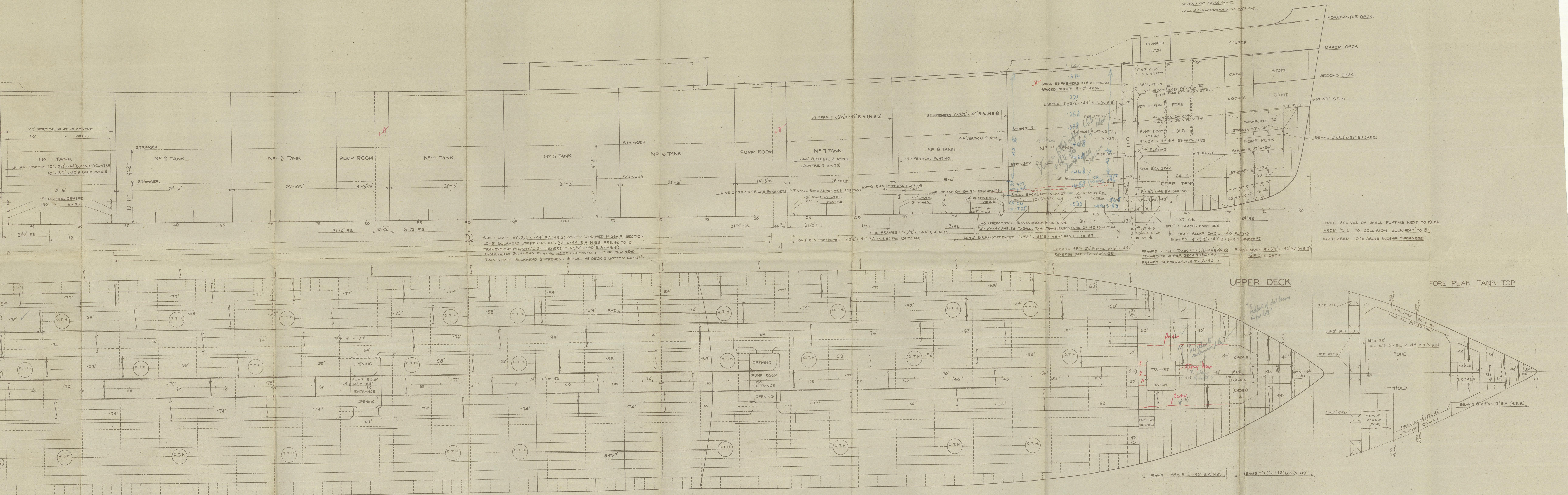
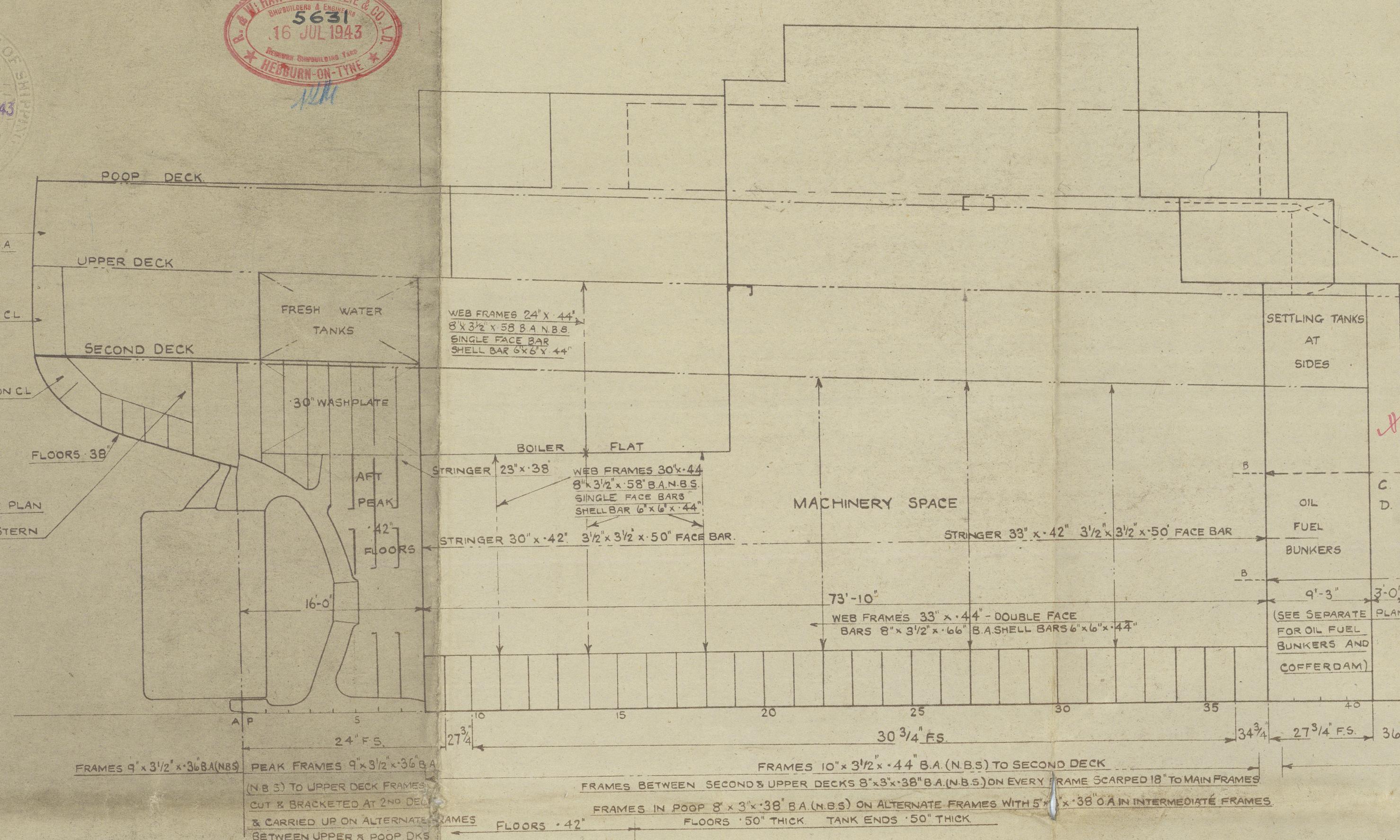
005038-005046-0152

No 666

PROFILE & DECKS PLAN.

S.S. MOTOR TANKER 460'-0" B.P. x 59'-0" B.M. 34'-0" D.M. TO UPPER DECK.

SCALE: 1/8" = 1 FOOT.



R. & W. HAWTHORN, LESL
& CO. LTD.

~~MV. NATICINA~~

NEWCASTLE ON TYNE.

Report No. 101017

661

Fly to Profile & Deck

(Alpha 41-43)

ENGINE NO. 4000

SHIP NO. 661

36
~~41~~

"SAN VELLINO"

NEWCASTLE ON TYNE.

Report No. 102182

Fly to Profile and Decks.

SHIP NO. 663

MV. "NAVICELLA"

NEWCASTLE ON TYNE

Report No. 102524

SHIP NO. 666

San Virgilio ex

"EMPIRE NEPTUNE"

NEWCASTLE ON TYNE

Report No. 103126

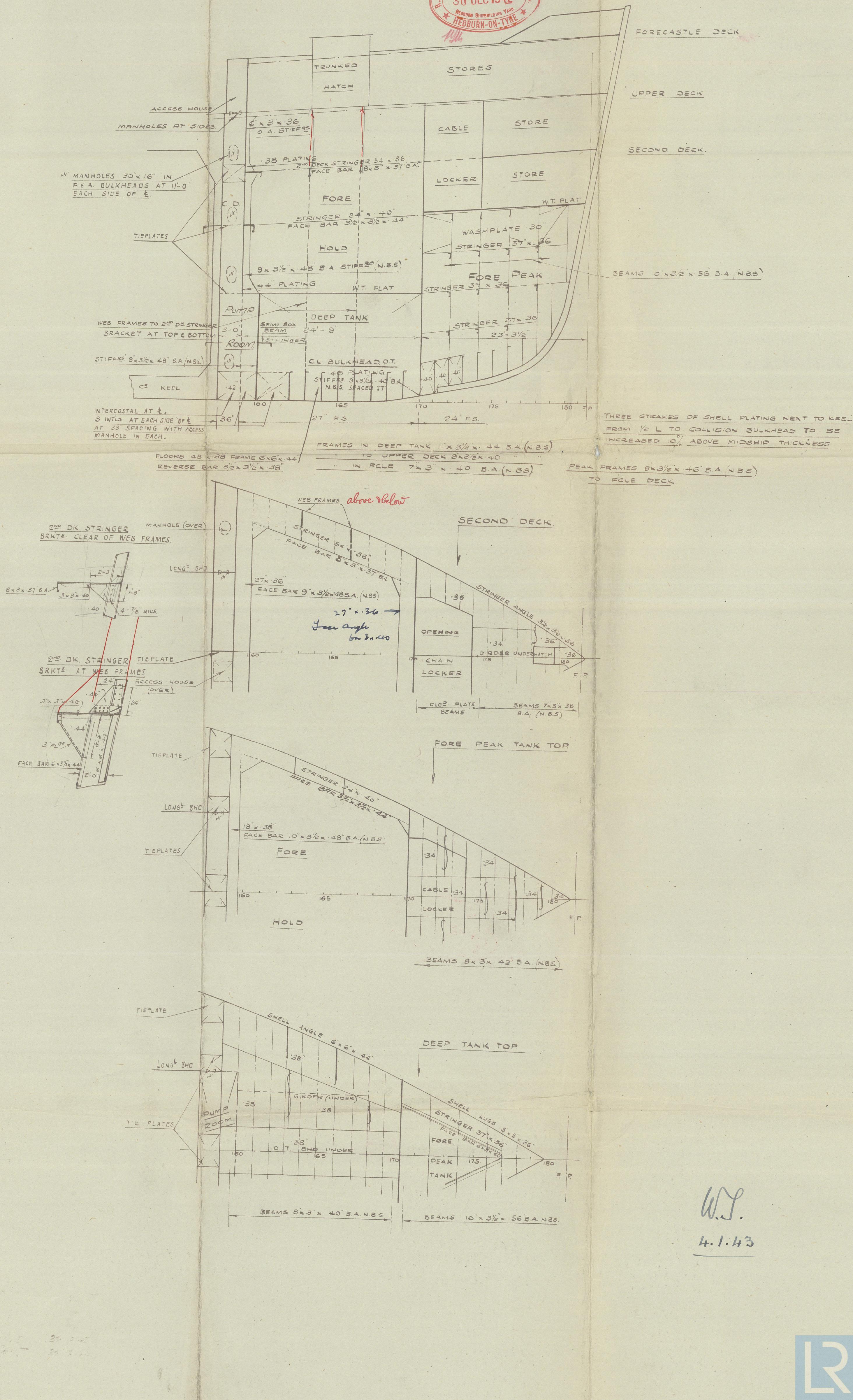
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005038-005046-0151

SHIP N° 661.
FLY TO PROFILE & DECKS.
SCALE $\frac{1}{8}$ = 1 FOOT.

4 JAN 1943

5241
30 DEC 1942
Hawthorn, Leslie & Co.
REBBURN-ON-TYNE
REBURN SHIPBUILDING YARD



R. & W. HAWTHORN, LESLIE
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"EMPIRE NEPTUNE"
NEWCASTLE ON TYNE

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Midship Section

~~72~~



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R. & W. HAWTHORN, LESLIE
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ENGINE NO. 4003

THE "NAVICELLA" 
NEWCASTLE ON TYNE

Report No. 102524.

Midship Section.



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002038-002046-0150

Nº 663.

MIDSHIP SECTION.

SCALE: $\frac{1}{2}$ " = 1 FOOT.

EQUIPMENT No.

| <u>2ND NUMERAL</u> | L x (B+D) | 427 |
|------------------------------------|------------------------------|-----|
| <u>POOP</u> | $3/4 \times 7.5 \times 94.5$ | 5 |
| <u>BRIDGE</u> | $3/4 \times 7.5 \times 53$ | 2 |
| <u>FORECASTLE</u> | $3/4 \times 7.5 \times 48$ | 2 |
| <u>POOP</u> <u>DK</u> <u>HOUSE</u> | $1/2 \times 8.8 \times 27$ | 1 |
| " " | $1/2 \times 10.0 \times 36$ | 1 |
| " " | $1/2 \times 7.5 \times 13$ | 1 |
| <u>BRIDGE</u> " | $1/2 \times 8 \times 48$ | 1 |
| " " | $1/2 \times 7.5 \times 41$ | 1 |

EQUIPMENT (WAR EMERGENCY) ⁴⁴⁷⁸⁷ See letter

BOWER ANCHORS 73½ CWTS EACH (STOCKLESS)
 STREAM ANCHOR 22 " (EX STOCK)
 40 FATHOMS 27/16 STUD LINK CHAIN CABLE
 20 " 5" (6x12) FLEXIBLE STEEL WIRE ROPE (STREAM WIRE)
 30 " 5½" (6x24) " " " (TOWLINE)
 AT 100 FATHOMS 23/4" (6x12) FLEXIBLE STEEL WIRE ROPE (HAWSERS)

NUMERALS

| | |
|--|---------------|
| LENGTH B.P. ON LWL | L = 460'-0" |
| BREADTH MLD | B = 59'-0" |
| DEPTH MLD. To UPPER DK | D = 34'-0" |
| $\times D$ 460'-0" \times 34'-0" | = 15640' - 0" |
| $\times (B + D)$ 460 (59'-0" + 34'-0') | = 42780' - 0" |
| $/D$ 460/34'-0" | = 13.52 |

PORT

E-FABRICATED HATCH.
PORT ONLY.

81" x 74" - 36"

4'-0" 3'-6"

3 1/2" x 3 1/2" x .40"

65" x 72" - 36"

10" x 3 1/2"

2'-6"

2'-6"

ECK TRANSVERSE 29" x .42"

FACE BAR 6" x 3 1/2" x .43" O.A. D.T. 2

VERT LUGS 3" x 3" x .40"

ECK LUGS 3 1/2" x 3 1/2" x .42" T 10

FLANGE

3 1/2" x 3 1/2" x .40" T 11

5'-0" 40"

GIRDERS SPACED

BAR

OF INNER BOUNDARY BAR

q CE

LE

2 TRANS

2" x .44" B.A. N.B.S. IN NOS 1 TO 6 TANKS INCLUSIVE

3" x .44" B.A. N.B.S. IN NOS 7, 8 & 9 TANKS.

31 1/2" APART

ONE LENGTH

OT. BULKHEAD

10'-6" 10'-6" 10'-6"

LUG BKT LUG LUG BKT LUG LUG BKT LUG

TRANS TRANS

CR. GIRDER

31'-6"

FRAMES SPACED 31 1/2" APART

BOTTOM TRANSVERSE .40" x .44"

FACE BAR, 6" x 3 1/2" x .64" DOUBLE

VERT. LUGS, 6" x 3 1/2" x .42" T 1

SHELL LUGS, 6" x 6" x .44" T 1

INTERCOSTAL GIRDER

VERTICAL ANGLES, BOTTOM ANGLES, TOP ANGLES 3 1/2" x 3 WITH .50" STRAP A

44"

CARRIED UP IN N-4 TANK

"A"

"A"

"A"

"A"

KEEL OUT

7 1/4" x 67 - 53"

2'-9" 2'-9"

TOP OF KEEL IS 11/16" BELOW BASE LINE AT

DIMENSIONS.
B.P. BREADTH = 59'-0" MLD. DEPTH 34'-0" MLD.
100 A.I. * "CARRYING PETROLEUM IN BULK."
LONGITUDINAL FRAMING ON BOTTOM & AT DECK.
OF OIL COMPARTMENTS TO BE SPECIALLY CONSIDERED.
TO BE MADE FOR SHEER AT ENDS

SECTION THRO' WING TANKS.
SHOWING INTERMEDIATE FRAMING
BETWEEN TRANSVERSEs.

SIDE FRAMES:
 $10 \times 3\frac{1}{2} \times 44$ B.A. N.B.S.
 SPACED $3\frac{1}{2}$ APART
 INCREASED IN FOR^D TANKS
 FOR SHEER AS NECESSARY

VERT^L STIFF^{RS} ON BULKH^D:
 $10 \times 3\frac{1}{2} \times 44$ B.A. N.B.S.
 SPACED $3\frac{1}{2}$ APART
 INCREASED IN FOR^D TANKS
 FOR SHEER AS NECESSARY

7/8" HOLES CLOSE TO HEEL OF FRAME:

BRACKETS $40 \times 3\frac{1}{2} \times 3\frac{1}{2} \times 40$:
 MIDWAY BETWEEN TRANSVERSE
 5 - $7/8$ " RIVETS IN EACH ARM
 $6 \times 3\frac{1}{2} \times 40$ LUGS 5 - $7/8$ " RIVS.
 BETWEEN BRACKETS & TRANSVERSE.

FRAMES NOS 124, 125, 127, 128, 129.
 11" B.A. FRAMES SCARPHED ON 21" THUS

10 - $7/8$ " RIVS.
 $42" \times 3" \times 3" \times 42" \times 42"$
 $5" \text{ FLANGE}$
 $6" \text{ DIA.}$
 $3\frac{1}{2} \times 3\frac{1}{2} \times 42" \times 42"$
 $3" \text{ FLANGE}$
 $6" \text{ DIA.}$
 $3\frac{1}{2} \times 3\frac{1}{2} \times 42" \times 42"$
 $5" \text{ FLANGE}$
 $6" \text{ DIA.}$
 $3\frac{1}{2} \times 3\frac{1}{2} \times 42" \times 42"$
 $5" \text{ FLANGE}$
 $6" \text{ DIA.}$
 $6" \times 3\frac{1}{2} \times 44" \times 40" \times 40"$
 $3" \text{ FLANGE}$
 $5" \text{ DIA. RIVS.}$
 $10 - 7/8" \text{ RIVS.}$
 $40" \times 3\frac{1}{2} \times 3\frac{1}{2} \times 40"$

RIVS: IN EACH FLANGE $5\frac{1}{2}$ DIAS
 FOR^D OF $3/5$ L TO BE $4\frac{1}{2}$ DIAS

7/8" RIVS. 5 DIAS.
 IN SHELL FLANGE

W.F.

W.L.

DIMENSIONS.

"B.P. BREADTH = 59'-0" MLD. DEPTH 34'-0" MLD.
100 A.I. * "CARRYING PETROLEUM IN BULK."
"LONGITUDINAL FRAMING ON BOTTOM & AT DECK."
OF OIL COMPARTMENTS TO BE SPECIALLY CONSIDERED
ES TO BE MADE FOR SHEER AT ENDS

81" x 58" - 36

2'-9"

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D S/R

SHIP No. 666

"EMPIRE NEPTUNE"
NEWCASTLE ON TYNE

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Not ship Section

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M.V. NATICINA
NEWCASTLE ON TYNE.

Report No. 101017

Stem Frame 652

ENGINE NO. 4000

SHIP NO. 661

"SAN VELINO"

NEWCASTLE ON TYNE.

Report No. 102182

Stem frame.

SHIP NO. 663

ENGINE NO. 4003

"NAVICELLA"

NEWCASTLE ON TYNE

Report No. 102524

SHIP NO. 666

~~EMPIRE NEPTUNE~~
NEWCASTLE ON TYNE

Report No. 103126

~~SAN VIRGINIO~~

W.S.R.L

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SHIP No. 663

~~19~~
~~25~~

mr. "NAVICELLA"
NEWCASTLE ON TYNE

Report No. 102524

Rudder

FOR AURIS - NEARIA

SHIP No. 666

Empire Neptune *

NEWCASTLE ON TYNE

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"
San Virgilio

W.S.R. 1

Rudder

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(4) 627/628

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63/2-636

648/9.

RUDDER

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M.V. "Daphne"

NEWCASTLE ON TYNE.

Report No. 96399.

M.V. "Donyss"

NEWCASTLE ON TYNE.

Report No. 96601.

M.V. "Daronia"

NEWCASTLE ON TYNE.

Report No. 97234.

SAN VENANCIO,

NEWCASTLE ON TYNE.

Report No. 100147.

m.v. "Dolabella"

NEWCASTLE ON TYNE.

Report No. 98007.

m.v. "Empire Bronze"

NEWCASTLE ON TYNE.

Report No. 98948.

M.V. NICANIA

NEWCASTLE ON TYNE.

Report No. 100691.

M.V. NUCULANA

NEWCASTLE ON TYNE.

Report No. 100736.

ENGINE NO. 4000

SHIP NO. 5661

"SAN VELINO"

NEWCASTLE ON TYNE.

Report No. 102182.

Rudder.

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3050
254
510
508
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